

Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet **1** of **5****Complete if Known**

Application Number	10/661,163
Filing Date	September 12, 2003
First Named Inventor:	Harry Bims
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	005878.P009X

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
JA		US-	5,479,400	12-26-1995	Dilworth et al.	
		US-	5,815,811	09-29-1998	Pinard et al.	
		US-	5,903,834	05-11-1999	Wallstedt et al.	
		US-	5,979,757	11-09-1999	Tracy et al.	
		US-	6,002,918	12-14-1999	Heiman et al.	
		US-	6,067,297	05-23-2000	Beach	
		US-	6,084,528	07-04-2000	Beach et al.	
		US-	6,178,426 B1	01-23-2001	Klein et al.	
		US-	6,188,681 B1	02-13-2001	Vesuna	
		US-	6,199,753 B1	03-13-2001	Tracy et al.	
		US-	6,404,772 B1	06-11-2002	Beach et al.	
		US-	6,405,049 B2	06-11-2002	Herrod et al.	
/		US-	6,411,608 B2	06-25-2002	Sharony	
		US-	6,594,475 B1	07-15-2003	Anvekar et al.	
		US-				

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JA		WO 96/22636	07-25-1996	MacNamee		

Examiner Signature	/Joel Ajayi/	Date Considered	01/08/2007
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NOV 10 2003

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JA	us-	4,534,061	08-06-1985	Ulug	
	us-	5,461,627	10-24-1995	Rypinski	
	us-	5,507,035	04-09-1996	Bantz et al.	
	us-	5,594,731	01-14-1997	Reissner	
	us-	5,636,220	06-03-1997	Vook et al.	
	us-	5,717,688	02-10-1998	Belanger et al.	
	us-	5,774,461	06-30-1998	Hyden et al.	
	us-	5,825,776	10-20-1998	Moon	
	us-	5,862,481	01-19-1999	Kulkarni et al.	
	us-	5,875,186	02-23-1999	Belanger et al.	
	us-	5,923,702	07-13-1999	Brenner et al.	
	us-	5,987,062	11-16-1999	Engwer et al.	
	us-	5,991,287	11-23-1999	Diepstraten et al.	
	us-	6,038,448	03-14-2000	Chheda et al.	
	us-	6,058,106	05-02-2000	Cudak et al.	

FOREIGN PATENT DOCUMENTS

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<p>Substitute for Form 1449/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p> <p>NOV 10 2003</p> <p>PTO-1449 (01-04)</p>					<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>10/661,163</td> </tr> <tr> <td>Filing Date</td> <td>September 12, 2003</td> </tr> <tr> <td>First Named Inventor:</td> <td>Harry Bims</td> </tr> <tr> <td>Art Unit</td> <td>To be assigned</td> </tr> <tr> <td>Examiner Name</td> <td>To be assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>005878.P009X</td> </tr> </table>		Application Number	10/661,163	Filing Date	September 12, 2003	First Named Inventor:	Harry Bims	Art Unit	To be assigned	Examiner Name	To be assigned	Attorney Docket Number	005878.P009X
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U.S. PATENT DOCUMENTS

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JA		US-	2002/0075825 A1	06-20-2002	Hills et al.	
		US-	2002/0060995 A1	05-23-2002	Cervello et al.	
		US-	2001/0024953 A1	09-27-2001	Balogh	
		US-	6,259,898	07-10-2001	Lewis	
		US-	6,097,707	08-01-2000	Hodzic et al.	
		US-	6,130,896	10-10-2000	Lueker et al.	
		US-	6,137,791	10-24-2000	Frid et al.	
		US-	6,137,802	10-24-2000	Jones et al.	
		US-	6,243,581	06-05-2001	Jawanda	
		US-	6,253,082	06-26-2001	Hengeveld	
		US-	6,285,665	09-04-2001	Chuah	
		US-	6,452,915 B1	09-17-2002	Jorgensen	
		US-	6,501,582 B2	12-31-2002	Chiou et al.	
		US-	6,522,880 B1	02-18-2003	Verma et al.	
		US-	6,556,547 B1	04-29-2003	Srikanth et al.	

FOREIGN PATENT DOCUMENTS

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She t	5	of	5	Attorney Docket Number	005878.P009X
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
JA		BAHL, Paramvir and PADMANABHAN, Venkata N., "RADAR: An In-Building RF-based User Location and Tracking System," Proceedings of IEEE INFOCOMM 2000, March 2000, pp. 775-784.			
JA		Lucent Technologies Inc., Orinoco Manager Suite – User's Guide, November 2000			
JA		MESSIER, Andrew et al., "Performance Monitoring of a Wireless Campus Area Network," Local Computer Networks, 1997, Proceedings, 22 nd Annual Conference on November 1997, pp. 232-238			
JA		PCT International Search Report mailed April 15, 2003 for International Application No.: PCT/US03/00783 (4 pages)			
JA		PCT International Search Report mailed April 25, 2003 for International Application No. PCT/US03/0782			

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